

VACUUM AND VENT BLOCK FOR USE WITH MOLDING AND
CASTING SYSTEMS

ABSTRACT OF THE DISCLOSURE

The present invention relates to a gas purging block for use with injection molding and die casting systems, which includes a stationary-side block adapted to be removably mounted to a stationary-side mold half of the injection molding or die casting system, and an ejector-side block adapted to be removably mounted to an ejector-side mold half of the injection molding or die casting system. At least one of the stationary-side block and the ejector-side block includes a pair of channels extending through the block adapted to selectively function as conduits for cooling fluid and as mounting bores for mounting the block to the respective mold half.